Andrew Freistein 10/517,446

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 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  FEB 27   New STN AnaVist pricing effective March 1, 2006
 NEWS  4  APR 04   STN AnaVist $500 visualization usage credit offered
 NEWS  5  MAY 10   CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS  6  MAY 11   KOREAPAT updates resume
 NEWS  7  MAY 19   Derwent World Patents Index to be reloaded and enhanced
 NEWS  8  MAY 30   IPC 8 Rolled-up Core codes added to CA/CAplus and
                   USPATFULL/USPAT2
 NEWS  9  MAY 30   The F-Term thesaurus is now available in CA/CAplus
 NEWS 10  JUN 02   The first reclassification of IPC codes now complete in
                   INPADOC
 NEWS 11  JUN 26   TULSA/TULSA2 reloaded and enhanced with new search and
                   and display fields
 NEWS 12  JUN 28   Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 13  JUl 07   Coverage of Research Disclosure reinstated in DWPI

 NEWS EXPRESS  JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
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  ************************************************************************

* * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:12:38 ON 08 JUL 2006
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=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:12:56 ON 08 JUL 2006
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STRUCTURE FILE UPDATES:    7 JUL 2006  HIGHEST RN 891019-54-8
DICTIONARY FILE UPDATES:   7 JUL 2006  HIGHEST RN 891019-54-8

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=>
Uploading C:\Program Files\Stnexp\Queries\10517446\b.str
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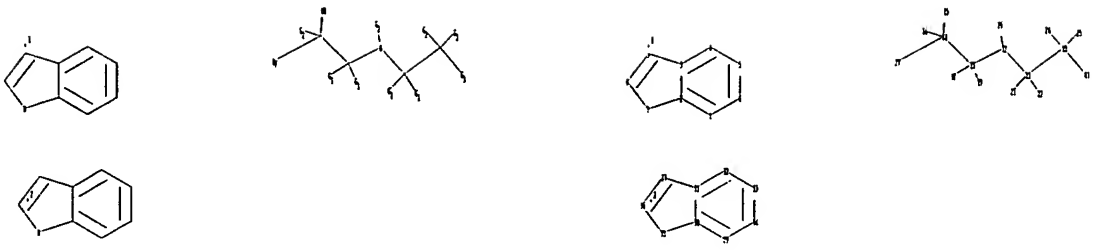


chain nodes :
10 11 12 13 14 15 16 18 19 21 22 24 25 26 27 41
ring nodes :
1 2 3 4 5 6 7 8 9 29 30 31 32 33 34 35 36 37
chain bonds :
10-11 10-24 10-25 10-41 11-12 11-21 11-22 12-13 12-26 13-14 13-18 13-19
14-15 14-16 14-27
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 29-30 29-34 30-31 30-35 31-32
31-37 32-33 33-34 35-36 36-37
exact/norm bonds :
2-7 3-9 7-8 8-9 10-24 10-25 10-41 11-12 11-21 11-22 12-13 12-26 13-18
13-19 14-15 14-16 14-27 30-35 31-37 35-36 36-37
exact bonds :
10-11 13-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 29-30 29-34 30-31 31-32 32-33 33-34

G1:H,Ak

G2:H,CH3,Et

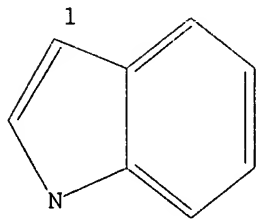
G3:[*1],[*2]

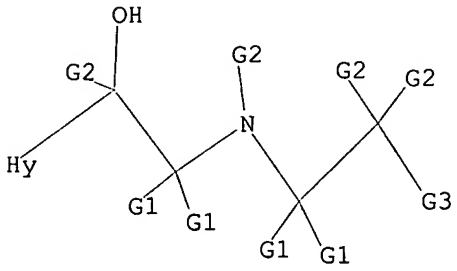
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 18:CLASS 19:CLASS
21:CLASS 22:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom 29:Atom 30:Atom
31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 41:CLASS
Generic attributes :
27:
Saturation : Unsaturated

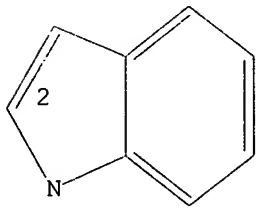
Element Count :
Node 27: Limited
N,N1
C,C5

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR







G1 H,Ak

G2 H,Me,Et

G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

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=> s l1
SAMPLE SEARCH INITIATED 15:13:23 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    10475 TO ITERATE

 19.1% PROCESSED     2000 ITERATIONS                                 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       203367 TO   215633
PROJECTED ANSWERS:               1 TO      241

L2            1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:13:27 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   209315 TO ITERATE

100.0% PROCESSED   209315 ITERATIONS                             162 ANSWERS
SEARCH TIME: 00.00.16

L3          162 SEA SSS FUL L1

=> file hcaplus
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                 166.94     167.15

FILE 'HCAPLUS' ENTERED AT 15:13:48 ON 08 JUL 2006
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FILE LAST UPDATED: 7 Jul 2006  (20060707/ED)

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 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s l3
L4            5 L3

=> d ibib 1-5
```

L4 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:637977 HCAPLUS
DOCUMENT NUMBER: 143:153292
TITLE: Preparation of [2-(2-pyridyl-2-hydroxyethylamino)ethyl]indoles as β3-adrenoceptor stimulants and their intermediates
INVENTOR(S): Umezome, Takashi; Hashizume, Miki
PATENT ASSIGNEE(S): Sumitomo Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 27 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005194266	A2	20050721	JP 2004-354019	20041207
PRIORITY APPLN. INFO.:			JP 2003-412805 A	20031211

OTHER SOURCE(S): MARPAT 143:153292

L4 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:1006950 HCAPLUS
DOCUMENT NUMBER: 140:59659
TITLE: Preparation of indole, indazole, and benzazole derivatives as β3-adrenergic receptor agonists
INVENTOR(S): Ueno, Yoshihide; Noguchi, Tsuyoshi; Hirota, Kotaro; Sawada, Nobuyuki; Umezome, Takashi
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
SOURCE: PCT Int. Appl., 183 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106418	A1	20031224	WO 2003-JP7382	20030610
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2488699	AA	20031224	CA 2003-2488699	20030610
AU 2003242245	A1	20031231	AU 2003-242245	20030610
EP 1514869	A1	20050316	EP 2003-736143	20030610
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2006063762	A1	20060323	US 2004-517446	20041209
PRIORITY APPLN. INFO.:			JP 2002-171400 A	20020612
			JP 2003-27529 A	20030204
			WO 2003-JP7382 W	20030610

OTHER SOURCE(S): MARPAT 140:59659
REFERENCE COUNT: 106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:215529 HCAPLUS
DOCUMENT NUMBER: 120:215529
TITLE: Analytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed
AUTHOR(S): DeMontigny, Pierre; Dave, K. J.
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065-0900, USA
SOURCE: Journal of Pharmaceutical and Biomedical Analysis (1993), 11(10), 947-54
CODEN: JPBADA; ISSN: 0731-7085
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:101728 HCAPLUS
DOCUMENT NUMBER: 114:101728
TITLE: Preparation of indole derivatives as β-adrenergic agonists
INVENTOR(S): Fisher, Michael H.; Wyvratt, Matthew J.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 377488	A1	19900711	EP 1990-300011	19900102
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
US 5030640	A	19910709	US 1989-293785	19890105
AU 9047392	A1	19900719	AU 1990-47392	19900102
AU 625500	B2	19920716		
CA 2007117	AA	19900705	CA 1990-2007117	19900104
ZA 9000049	A	19900926	ZA 1990-49	19900104
JP 02231486	A2	19900913	JP 1990-140	19900105
PRIORITY APPLN. INFO.:			US 1989-293785 A	19890105

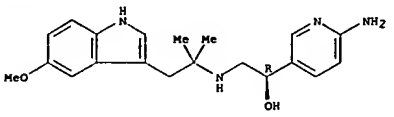
OTHER SOURCE(S): MARPAT 114:101728

L4 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:543348 HCAPLUS
DOCUMENT NUMBER: 85:143348
TITLE: Constituents of Nauclea diderrichii. Part VII. Synthesis of naucledérine, naucleonine, and naucleonidine; spectroscopic evidence for the structures of 3α-dihydrocadambine and two other constituents
AUTHOR(S): McLean, Stewart; Dmitrienko, Gary I.; Szakolcai, Akos
CORPORATE SOURCE: Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SOURCE: Canadian Journal of Chemistry (1976), 54(8), 1262-77
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d ibib hitstr 3-5

L4 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:215529 HCAPLUS
DOCUMENT NUMBER: 120:215529
TITLE: Analytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed
AUTHOR(S): DeMontigny, Pierre; Dave, K. J.
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065-0900, USA
SOURCE: Journal of Pharmaceutical and Biomedical Analysis (1993), 11(10), 947-54
CODEN: JPBADA; ISSN: 0731-7085
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 132197-98-9, L 674239
RL: PRP (Properties)
(stability of, in feed for swine)
RN 132197-98-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



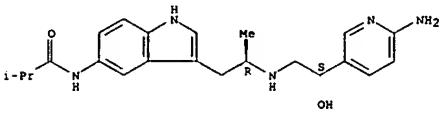
L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:101728 HCAPLUS
DOCUMENT NUMBER: 114:101728
TITLE: Preparation of indole derivatives as β-adrenergic agonists
INVENTOR(S): Fisher, Michael H.; Wyvratt, Matthew J.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 377488	A1	19900711	EP 1990-300011	19900102
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
US 5030640	A	19910709	US 1989-293785	19890105
AU 9047392	A1	19900719	AU 1990-47392	19900102
AU 625500	B2	19920716		
CA 2007117	AA	19900705	CA 1990-2007117	19900104
ZA 9000049	A	19900926	ZA 1990-49	19900104
JP 02231486	A2	19900913	JP 1990-140	19900105

PRIORITY APPLN. INFO.: US 1989-293785 A 19890105

OTHER SOURCE(S): MARPAT 114:101728
IT 132197-95-6P 132197-96-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 132197-95-6 HCAPLUS
CN Propanamide, N-[3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-1H-indol-5-yl]-2-methyl-, [S-(R*,S*)]- (9CI) (CA INDEX NAME)

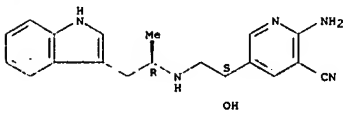
Absolute stereochemistry.



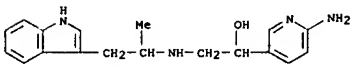
RN 132197-96-7 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-, [S-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 132197-56-9P 132197-57-0P 132197-58-1P
132197-59-2P 132197-60-5P 132197-61-6P
132197-62-7P 132197-63-8P 132197-64-9P
132197-65-0P 132197-66-1P 132197-67-2P
132197-68-3P 132197-69-4P 132197-70-7P
132197-71-8P 132197-74-1P 132197-75-2P
132197-77-4P 132197-97-8P 132197-98-9P
132197-99-0P 132198-00-6P 132198-01-7P
132198-02-8P 132198-03-9P 132198-04-0P
132214-86-9P 132214-88-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as β-adrenergic agonist)
RN 132197-56-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]- (9CI) (CA INDEX NAME)



RN 132197-57-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

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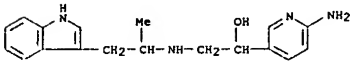
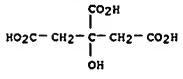
CRN 132197-56-9
CMF C18 H22 N4 O



CM 2

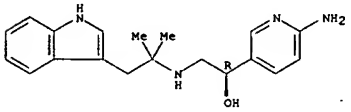
CRN 77-92-9
CMF C6 H8 O7

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132197-58-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

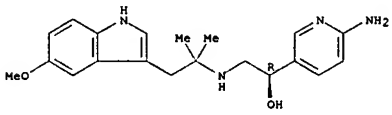
Absolute stereochemistry.



●2 HCl

RN 132197-59-2 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

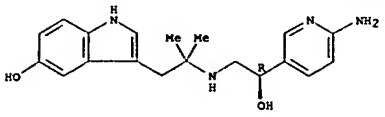


●2 HCl

RN 132197-60-5 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

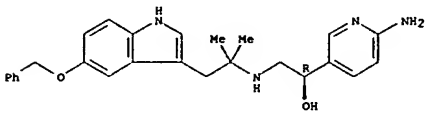
L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



●2 HCl

RN 132197-61-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

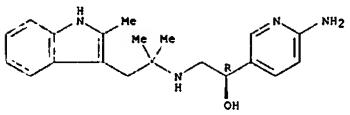
Absolute stereochemistry.



●2 HCl

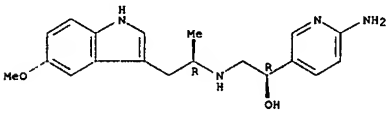
RN 132197-62-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-63-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-(2-methyl-1H-indol-3-

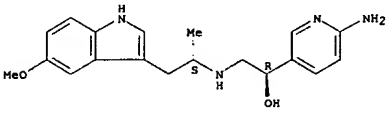
L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



●2 HCl

RN 132197-65-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, dihydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

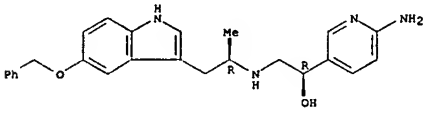
Absolute stereochemistry.



●2 HCl

RN 132197-66-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-67-2 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[(1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

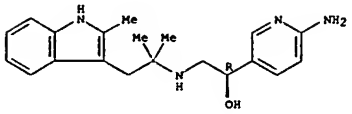
L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

yl]ethyl]amino]methyl]-, (R)-, (2E)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 132197-62-7
CMF C20 H26 N4 O

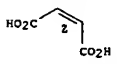
Absolute stereochemistry.



CM 2

CRN 110-16-7
CMF C4 H4 O4

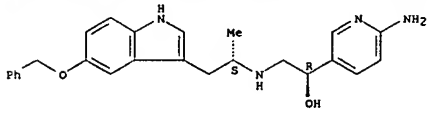
Double bond geometry as shown.



RN 132197-64-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, dihydrochloride, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

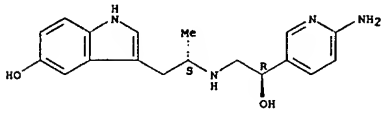
Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132197-68-3 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, dihydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

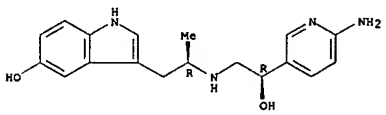
Absolute stereochemistry.



●2 HCl

RN 132197-69-4 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, dihydrochloride, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

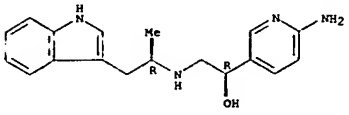


●2 HCl

RN 132197-70-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

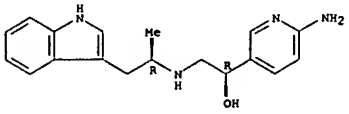


RN 132197-71-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

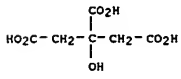
CRN 132197-70-7
CMF C18 H22 N4 O

Absolute stereochemistry.



CM 2

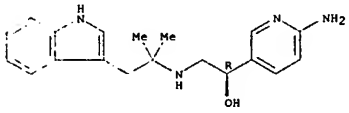
CRN 77-92-9
CMF C6 H8 O7



RN 132197-74-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, 1-oxide, (R)- (9CI) (CA INDEX NAME)

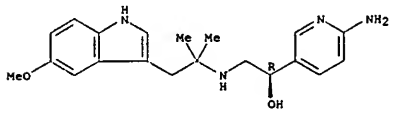
Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



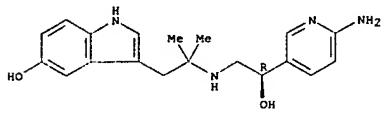
RN 132197-98-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



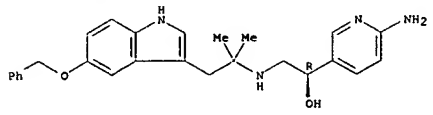
RN 132197-99-0 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

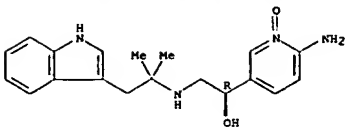


RN 132198-00-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

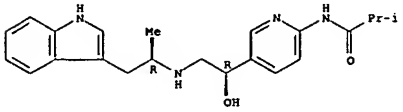


L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



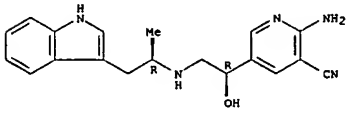
RN 132197-75-2 HCAPLUS
CN Propanamide, N-[5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-2-pyridinyl]-2-methyl-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-77-4 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



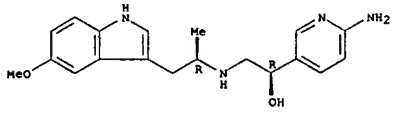
RN 132197-97-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

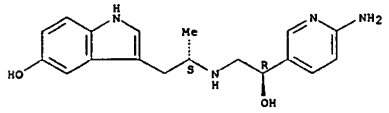
RN 132198-01-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



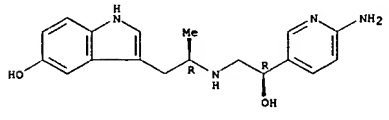
RN 132198-02-8 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132198-03-9 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

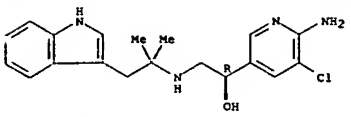
Absolute stereochemistry.



RN 132198-04-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

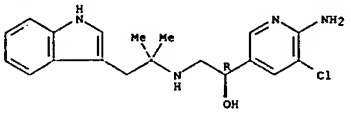
Absolute stereochemistry.

L4 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132214-86-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

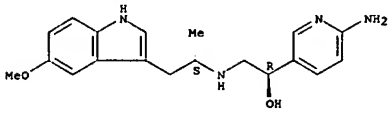
Absolute stereochemistry.



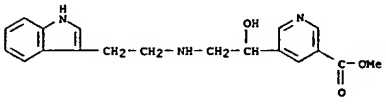
●2 HCl

RN 132214-88-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, (R-(R*,S*))- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:543348 HCAPLUS
DOCUMENT NUMBER: 85:143348
TITLE: Constituents of Nauclea diderrichii. Part VII. Synthesis of naucledérine, naucleonine, and naucleonidine; spectroscopic evidence for the structures of 3α-dihydrocadambine and two other constituents
AUTHOR(S): McLean, Stewart; Dmitrienko, Gary I.; Szakolcai, Akos
CORPORATE SOURCE: Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SOURCE: Canadian Journal of Chemistry (1976), 54(8), 1262-77
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 60699-82-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclization of, naucledérine from)
RN 60699-82-3 HCAPLUS
CN 3-Pyridinecarboxylic acid, 5-[1-hydroxy-2-[[2-(1H-indol-3-yl)ethyl]amino]ethyl]-, methyl ester (9CI) (CA INDEX NAME)



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FULL ESTIMATED COST                                    23.82     190.97

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STRUCTURE FILE UPDATES:    7 JUL 2006  HIGHEST RN 891019-54-8
DICTIONARY FILE UPDATES:   7 JUL 2006  HIGHEST RN 891019-54-8

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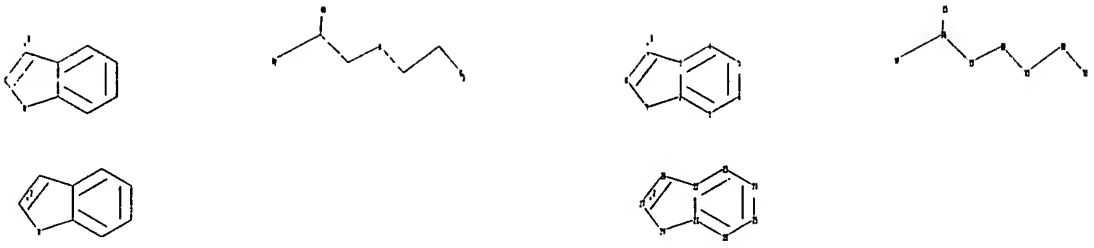

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ring nodes :
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ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 20-21 20-25 21-22 21-26 22-23
22-28 23-24 24-25 26-27 27-28
exact/norm bonds :
2-7 3-9 7-8 8-9 10-32 11-12 12-13 14-15 14-18 21-26 22-28 26-27 27-28
exact bonds :
10-11 13-14
normalized bonds :
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G1:H,Ak

G2:H,CH3,Et

G3:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 18:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 32:CLASS
Generic attributes :
18:
Saturation : Unsaturated

Element Count :
Node 18: Limited
N,N1
C,C5

L5 STRUCTURE UPLOADED

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INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 203367 TO 215633
PROJECTED ANSWERS: 1 TO 241

L6 1 SEA SSS SAM L5

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FULL SEARCH INITIATED 15:16:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 209315 TO ITERATE

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100.0% PROCESSED 209315 ITERATIONS 167 ANSWERS
SEARCH TIME: 00.00.16

L7 167 SEA SSS FUL L5

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COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 166.94 357.91

FILE 'HCAPLUS' ENTERED AT 15:16:21 ON 08 JUL 2006
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FILE COVERS 1907 - 8 Jul 2006 VOL 145 ISS 3
FILE LAST UPDATED: 7 Jul 2006 (20060707/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l7
L8 5 L7

=> d ibib 1-5

L8 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:637977 HCAPLUS
DOCUMENT NUMBER: 143:153292
TITLE: Preparation of [2-(2-pyridyl-2-hydroxyethylamino)ethyl]indoles as β3-adrenoceptor stimulants and their intermediates
INVENTOR(S): Umezome, Takashi; Hashizume, Miki
PATENT ASSIGNEE(S): Sumitomo Pharmaceutical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 27 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
JP 2005194266	A2	20050721	JP 2004-354019		20041207
PRIORITY APPLN. INFO.:			JP 2003-412805	A	20031211

OTHER SOURCE(S): MARPAT 143:153292

L8 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2003:1006950 HCAPLUS
DOCUMENT NUMBER: 140:59659
TITLE: Preparation of indole, indazole, and benzazole derivatives as β3-adrenergic receptor agonists
INVENTOR(S): Ueno, Yoshihide; Noguchi, Tsuyoshi; Hirota, Kotaro; Sawada, Nobuyuki; Umezome, Takashi
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
SOURCE: PCT Int. Appl., 183 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003106418	A1	20031224	WO 2003-JP7382		20030610
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
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EP 1514869	A1	20050316	EP 2003-736143		20030610
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US 2006063762	A1	20060323	US 2004-517446		20041209
PRIORITY APPLN. INFO.:			JP 2002-171400	A	20020612
			JP 2003-27529	A	20030204
			WO 2003-JP7382	W	20030610

OTHER SOURCE(S): MARPAT 140:59659
REFERENCE COUNT: 106 THERE ARE 106 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:215529 HCAPLUS
DOCUMENT NUMBER: 120:215529
TITLE: Analytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed
AUTHOR(S): DeMontigny, Pierre; Dave, K. J.
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065-0900, USA
SOURCE: Journal of Pharmaceutical and Biomedical Analysis (1993), 11(10), 947-54
CODEN: JPBADA; ISSN: 0731-7085
DOCUMENT TYPE: Journal
LANGUAGE: English

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:101728 HCAPLUS
DOCUMENT NUMBER: 114:101728
TITLE: Preparation of indole derivatives as β-adrenergic agonists
INVENTOR(S): Fisher, Michael H.; Wyvratt, Matthew J.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
EP 377488	A1	19900711	EP 1990-300011		19900102
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE					
US 5030640	A	19910709	US 1989-293785		19890105
AU 9047392	A1	19900719	AU 1990-47392		19900102
AU 625500	B2	19920716			
CA 2007117	AA	19900705	CA 1990-2007117		19900104
ZA 9000049	A	19900926	ZA 1990-49		19900104
JP 02231486	A2	19900913	JP 1990-140		19900105
PRIORITY APPLN. INFO.:			US 1989-293785	A	19890105

OTHER SOURCE(S): MARPAT 114:101728

L8 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:543348 HCAPLUS
DOCUMENT NUMBER: 85:143348
TITLE: Constituents of Nauclea diderrichii. Part VII. Synthesis of naucledérine, naucléonine, and naucléonidine; spectroscopic evidence for the structures of 3α-dihydrocadambine and two other constituents
AUTHOR(S): McLean, Stewart; Dmitrienko, Gary I.; Szakolcai, Akos
CORPORATE SOURCE: Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SOURCE: Canadian Journal of Chemistry (1976), 54(8), 1262-77
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: English

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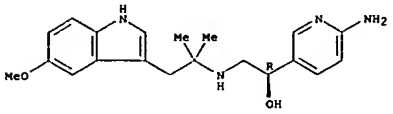
L8 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1994:215529 HCAPLUS
DOCUMENT NUMBER: 120:215529
TITLE: Analytical method development and preformulation stability studies of L-665,871 (a β-agonist) in swine feed
AUTHOR(S): DeMontigny, Pierre; Dave, K. J.
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065-0900, USA
SOURCE: Journal of Pharmaceutical and Biomedical Analysis (1993), 11(10), 947-54
CODEN: JPBADA; ISSN: 0731-7085
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 132197-98-9, L 674239
RL: PRP (Properties)
(stability of, in feed for swine)
RN 132197-98-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

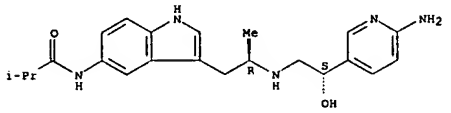


L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:101728 HCAPLUS
DOCUMENT NUMBER: 114:101728
TITLE: Preparation of indole derivatives as β-adrenergic agonists
INVENTOR(S): Fisher, Michael H.; Wyvratt, Matthew J.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Eur. Pat. Appl., 25 pp.
CODEN: EPXKDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 377488	A1	19900711	EP 1990-300011	19900102
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
US 5030640	A	19910709	US 1989-293785	19890105
AU 9047392	A1	19900719	AU 1990-47392	19900102
AU 625500	B2	19920716		
CA 2007117	AA	19900705	CA 1990-2007117	19900104
ZA 9000049	A	19900926	ZA 1990-49	19900104
JP 02231486	A2	19900913	JP 1990-140	19900105
PRIORITY APPLN. INFO.:			US 1989-293785 A	19890105

OTHER SOURCE(S): MARPAT 114:101728
IT 132197-95-6P 132197-96-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 132197-95-6 HCAPLUS
CN Propanamide, N-[3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-1H-indol-5-yl]-2-methyl-, (S-(R*,S*))- (9CI) (CA INDEX NAME)

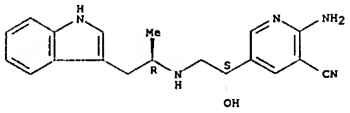
Absolute stereochemistry.



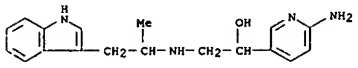
RN 132197-96-7 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-, (S-(R*,S*))- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



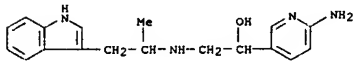
IT 132197-56-9P 132197-57-0P 132197-58-1P
132197-59-2P 132197-60-5P 132197-61-6P
132197-62-7P 132197-63-8P 132197-64-9P
132197-65-0P 132197-66-1P 132197-67-2P
132197-68-3P 132197-69-4P 132197-70-7P
132197-71-8P 132197-74-1P 132197-75-2P
132197-77-4P 132197-97-8P 132197-98-9P
132197-99-0P 132198-00-6P 132198-01-7P
132198-02-8P 132198-03-9P 132198-04-0P
132214-86-9P 132214-88-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as β-adrenergic agonist)
RN 132197-56-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]- (9CI) (CA INDEX NAME)



RN 132197-57-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

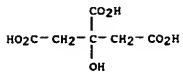
CRN 132197-56-9
CMF C18 H22 N4 O



CM 2

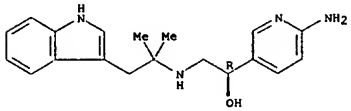
CRN 77-92-9
CMF C6 H8 O7

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132197-58-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

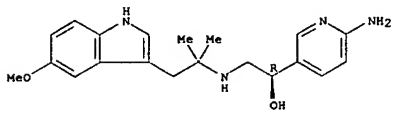
Absolute stereochemistry.



●2 HCl

RN 132197-59-2 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

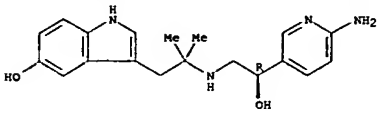


●2 HCl

RN 132197-60-5 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

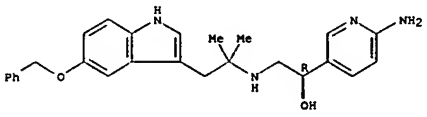
L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



●2 HCl

RN 132197-61-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

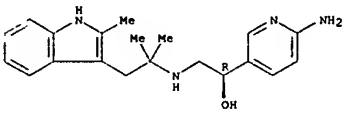
Absolute stereochemistry.



●2 HCl

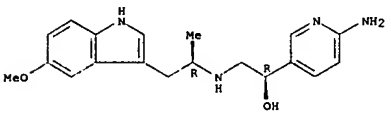
RN 132197-62-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-(2-methyl-1H-indol-3-yl)ethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-63-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-(2-methyl-1H-indol-3-

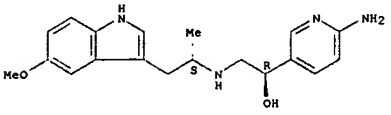
L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



●2 HCl

RN 132197-65-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, dihydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

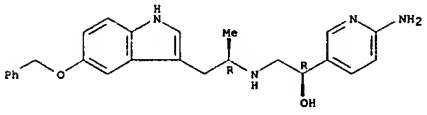
Absolute stereochemistry.



●2 HCl

RN 132197-66-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-67-2 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1-methyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

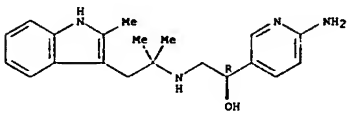
Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
yl]ethyl]amino]methyl]-, (R)-, (2Z)-2-butenedioate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 132197-62-7
CMF C20 H26 N4 O

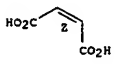
Absolute stereochemistry.



CM 2

CRN 110-16-7
CMF C4 H4 O4

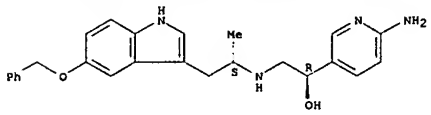
Double bond geometry as shown.



RN 132197-64-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, dihydrochloride, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

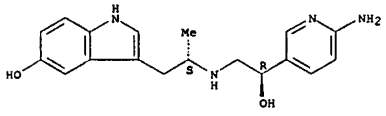
Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132197-68-3 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, dihydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

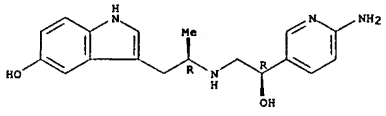
Absolute stereochemistry.



●2 HCl

RN 132197-69-4 HCAPLUS
CN 1H-Indol-5-ol,
3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, dihydrochloride, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

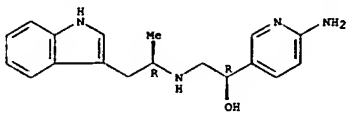


●2 HCl

RN 132197-70-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

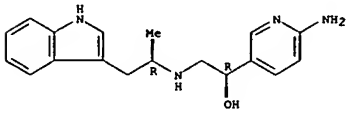


RN 132197-71-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]-, 2-hydroxy-1,2,3-propanetricarboxylate (1:1) (salt) (9CI) (CA INDEX NAME)

CM 1

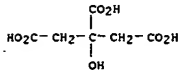
CRN 132197-70-7
CMF C18 H22 N4 O

Absolute stereochemistry.



CM 2

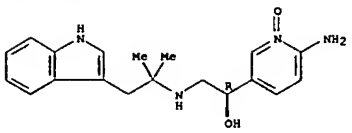
CRN 77-92-9
CMF C6 H8 O7



RN 132197-74-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, 1-oxide, (R)- (9CI) (CA INDEX NAME)

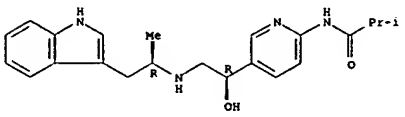
Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



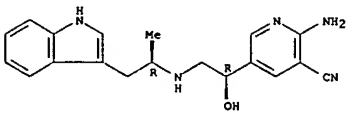
RN 132197-75-2 HCAPLUS
CN Propanamide, N-[5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-2-pyridinyl]-2-methyl-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132197-77-4 HCAPLUS
CN 3-Pyridinecarbonitrile, 2-amino-5-[1-hydroxy-2-[[2-(1H-indol-3-yl)-1-methylethyl]amino]ethyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

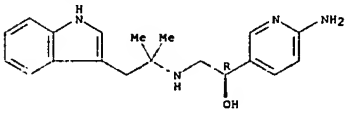
Absolute stereochemistry.



RN 132197-97-8 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

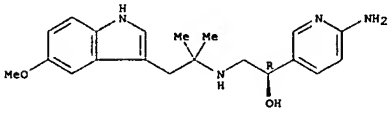
Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



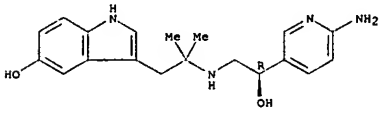
RN 132197-98-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (αR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



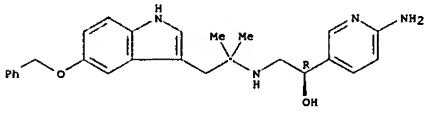
RN 132197-99-0 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]-2-methylpropyl]-, (R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132198-00-6 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[1,1-dimethyl-2-[5-(phenylmethoxy)-1H-indol-3-yl]ethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

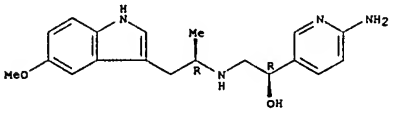
Absolute stereochemistry.



L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

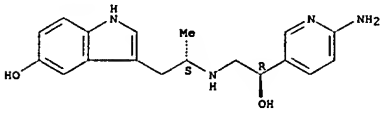
RN 132198-01-7 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



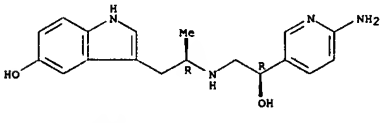
RN 132198-02-8 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 132198-03-9 HCAPLUS
CN 1H-Indol-5-ol, 3-[2-[[2-(6-amino-3-pyridinyl)-2-hydroxyethyl]amino]propyl]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

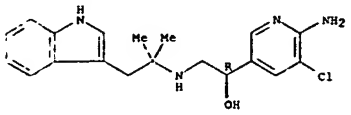
Absolute stereochemistry.



RN 132198-04-0 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, (R)- (9CI) (CA INDEX NAME)

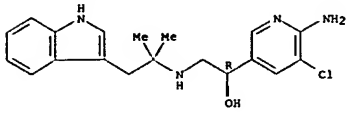
Absolute stereochemistry.

L8 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 132214-86-9 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-5-chloro-α-[[[2-(1H-indol-3-yl)-1,1-dimethylethyl]amino]methyl]-, dihydrochloride, (R)- (9CI) (CA INDEX NAME)

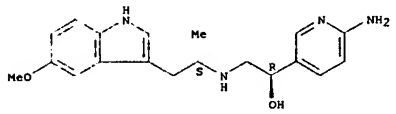
Absolute stereochemistry.



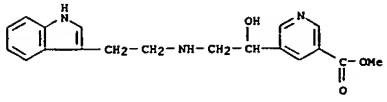
●2 HCl

RN 132214-88-1 HCAPLUS
CN 3-Pyridinemethanol, 6-amino-α-[[[2-(5-methoxy-1H-indol-3-yl)-1-methylethyl]amino]methyl]-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1976:543348 HCAPLUS
DOCUMENT NUMBER: 85:143348
TITLE: Constituents of Nauclea diderrichii. Part VII. Synthesis of naucledérine, naucléonine, and naucléonidine; spectroscopic evidence for the structures of 3α-dihydrocadambine and two other constituents
AUTHOR(S): McLean, Stewart; Dmitrienko, Gary I.; Szakolcai, Akos
CORPORATE SOURCE: Dep. Chem., Univ. Toronto, Toronto, ON, Can.
SOURCE: Canadian Journal of Chemistry (1976), 54(8), 1262-77
CODEN: CJCHAG; ISSN: 0008-4042
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 60699-82-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclization of, naucledérine from)
RN 60699-82-3 HCAPLUS
CN 3-Pyridinecarboxylic acid, 5-[1-hydroxy-2-[[2-(1H-indol-3-yl)ethyl]amino]ethyl]-, methyl ester (9CI) (CA INDEX NAME)



Andrew Freistein 10/517,446

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	21.29	379.20

STN INTERNATIONAL LOGOFF AT 15:17:20 ON 08 JUL 2006

Andrew Freistein 10/517,446

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabf1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

```
* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  FEB 27   New STN AnaVist pricing effective March 1, 2006
 NEWS  4  APR 04   STN AnaVist $500 visualization usage credit offered
 NEWS  5  MAY 10   CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS  6  MAY 11   KOREAPAT updates resume
 NEWS  7  MAY 19   Derwent World Patents Index to be reloaded and enhanced
 NEWS  8  MAY 30   IPC 8 Rolled-up Core codes added to CA/CAplus and
                   USPATFULL/USPAT2
 NEWS  9  MAY 30   The F-Term thesaurus is now available in CA/CAplus
 NEWS 10  JUN 02   The first reclassification of IPC codes now complete in
                   INPADOC
 NEWS 11  JUN 26   TULSA/TULSA2 reloaded and enhanced with new search and
                   and display fields
 NEWS 12  JUN 28   Price changes in full-text patent databases EPFULL and PCTFULL
 NEWS 13  JUl 07   Coverage of Research Disclosure reinstated in DWPI

 NEWS EXPRESS  JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  result in loss of user privileges and other penalties.

  ********************************************************************
    Due to STN maintenance on Sunday, July 9th, 2006,  some databases
    may not be available until 04:00 (4:00 AM) Eastern Daylight Time.
  ********************************************************************

* * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:22:29 ON 08 JUL 2006
```

```
=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 15:22:38 ON 08 JUL 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:     7 JUL 2006  HIGHEST RN 891019-54-8
DICTIONARY FILE UPDATES:    7 JUL 2006  HIGHEST RN 891019-54-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

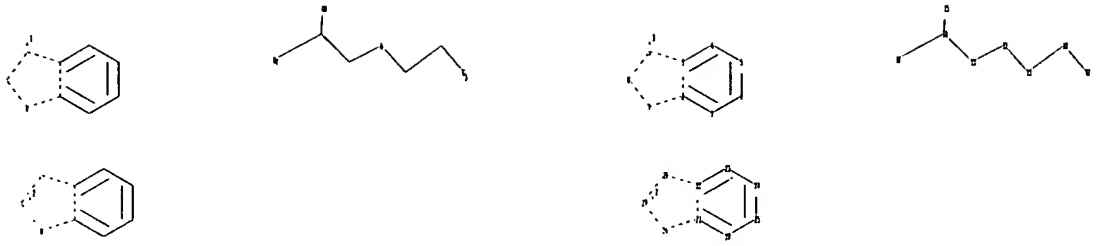
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10517446\c.str
```



chain nodes :
10 11 12 13 14 15 18 32
ring nodes :
1 2 3 4 5 6 7 8 9 20 21 22 23 24 25 26 27 28
chain bonds :
10-11 10-32 11-12 12-13 13-14 14-15 14-18
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 20-21 20-25 21-22 21-26 22-23
22-28 23-24 24-25 26-27 27-28
exact/norm bonds :
2-3 2-7 3-9 7-8 8-9 10-32 11-12 12-13 14-15 14-18 21-22 21-26 22-28
26-27 27-28
exact bonds :
10-11 13-14
normalized bonds :
1-2 1-6 3-4 4-5 5-6 20-21 20-25 22-23 23-24 24-25

G1:H,Ak

G2:H,CH3,Et

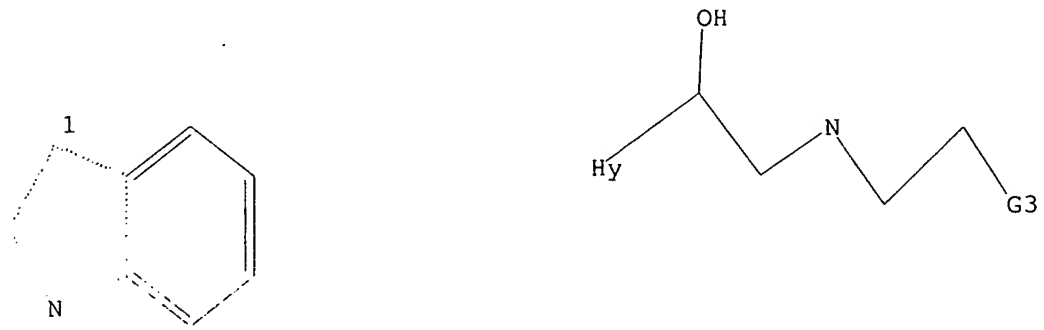
G3:[*1],[*2]

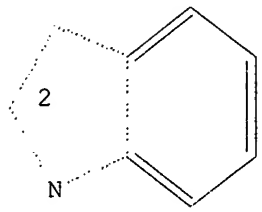
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 18:Atom 20:Atom 21:Atom
22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 32:CLASS
Generic attributes :
18:
Saturation : Unsaturated

Element Count :
Node 18: Limited
N,N1
C,C5

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR





G1 H,Ak
G2 H,Me,Et
G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1

```
SAMPLE SEARCH INITIATED 15:23:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    10475 TO ITERATE

 19.1% PROCESSED     2000 ITERATIONS                                 1 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       203367 TO   215633
PROJECTED ANSWERS:               1 TO      241

L2            1 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 15:23:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   209315 TO ITERATE

100.0% PROCESSED   209315 ITERATIONS                               167 ANSWERS
SEARCH TIME: 00.00.16

L3          167 SEA SSS FUL L1

=>

---Logging off of STN---


=>
Executing the logoff script...


=> LOG Y

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY    SESSION
FULL ESTIMATED COST                              166.94     167.15

STN INTERNATIONAL LOGOFF AT 15:23:25 ON 08 JUL 2006
```